

Abstract of the Invention

A motor has a stator, a rotor having a shaft, and a sleeve bearing in contact with the rotor shaft. The sleeve bearing also is fixedly secured to the stator.

5 Additionally, the motor also has a movable support member axially supporting the shaft. The movable support member illustratively is movable relative to the shaft. The rotor center of gravity coincides approximately with the opening in the bearing-shaft interface.